OK to ENTER EGS 02/25/2008

PATENT Attorney Docket No.: UTCA-13144

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Kim, S-H. Group No.: 1647 Serial No.: 10/578,943 Examiner: Stoica, E.,

Filed: 11/09/2006

Entitled: Compositions And Methods For The Regulation Of Tissue Necrosis

Factor-Alpha

# SUPPLEMENTAL RESPONSE TO FINAL OFFICE **ACTION MAILED DECEMBER 23, 2008**

Mail Stop - Amendments Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450



#### Examiner Stoica:

Please enter the following on the record as a supplemental response to a Final Office Action mailed December 23, 2008. This response is intended to be in accordance with the Examiner's request to amend the specification's Abstract (telephone conversation; Feb. 24th., 2009.

On page 2 begins the Amendments To The Specification in accordance with 37 CFR 1.121

### AMENDMENTS TO THE SPECIFICATION

Please amend the Title as follows:

Compositions And Methods For Regulation Of Tumor Necrosis Factor-Alpha

Please amend the Abstract as follows:

The present invention relates to compositions and methods relating a nucleic acid encoding [[to]] an interleukinl8-inducible cytokine termed tumor necrosis factor-alpha inducing factor (TAIF) or interleukin-32 (IL-32). In particular, the present invention provides vectors for expressing proteins useful empositions and methods for treating autoimmune diseases and cancer, in part by regulation of tumor necrosis factor-alpha expression.

# CONCLUSION

The Applicants believe that the amendments set forth above are consistent with the Examiner's request. Should the Examiner believe that a telephone interview would aid in the prosecution of this application, the Applicants encourage the Examiner to call the undersigned collect at 781-828-9870.

Date: February 24, 2009 By: Thomas C. Howerton, J.D., Ph.D.
Registration No. 48,650

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